EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1	"5659644".pn.	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:02
L5	2	"20050230687"	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:24
L6	16	"6185346"	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:35
L7	750	398/141,142,143.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:40
L8	583	(ase and diaphragm)	US-PGPUB; USPAT	OR	ON	2009/04/29 13:41
L9	1	398/141,142,143.ccls. and L8	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:41
L10	8	398/141,142,143.ccls. and (graded$index$2 and step $index$2)	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:41
L11	2	"5077814" and (graded $index$2 and step$index $2)	US-PGPUB; USPAT	NEAR	ON	2009/04/29 13:50
L22	2485	base mode	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:18
L23	1	base mode and l7	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:18
L24	11	"5077814" and (base mode or mod$2)	US-PGPUB; USPAT	NEAR	ON	2009/04/29 14:23
L27	194	low-order mode	US-PGPUB; USPAT	NEAR	ON	2009/04/29 15:39
L32	1249	butt coupling	US-PGPUB; USPAT	NEAR	ON	2009/04/29 15:54
L33	1188	butt coupling	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:54
L34	22	(butt coupling).ab.	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:54
S4	578	(ase and diaphragm)	US-PGPUB; USPAT	OR	ON	2009/03/30 15:11
S5	852	398/143,202.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:11
S7	86079	(ase sourc$2 and diaphragm)	US-PGPUB; USPAT	OR	ON	2009/03/30 15:12
S8	3	(ase sourc$2 and diaphragm)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:12
S9	3	(ase and diaphragm and multimod2 fib$3)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:13

S10	58	(ase sourc$2 and multi mod2 fib$3)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:13
S11	49	(ase sourc$2 and multi mod2) and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:15
S14	10	"6185346" and (multi$mod $2) and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:18
S17	5	398/143.ccls. and (ase or coherent or incoherent or spontan$6) and (multi mod2) and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:36
S18	4	398/143.ccls. and (ase or incoherent or spontan$6) and (multi$mod$2) and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:36
S19	1	398/143.ccls. and (ase or incoherent or spontan$6) sourc$3	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:36
S20	3	398/143.ccls. and (ase or incoherent or spontan$6) near2 sourc$3	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:37
S21	7	398/143.ccls. and (ase or incoherent or spontan$6 or amplified spontaneous emission)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:38
S22	9	"5,187,759" and (ase or coherent or incoherent or spontan$6) and (multi mod2) and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:41
S23	16	398/143.ccls. and (ase or coherent or incoherent or spontan$6)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 15:43
S27	78	"013515".pran.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/03/30 16:03
S30	78	"013515".pran.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/03/30 16:04

S31	274	(Fukuyama-Hiroyuki$ Itoh-Toshihiro$ Tunashima-Satoshi$ Sano-Kimikazu$ Murata-Koichi$ Umeda-Yohtaro$ Tazoh-Yasuo$ Sugahara-Hirohiko$ Toba-Hiromu$ Muraguchi-Masahiro$ Suzuki-Senichi$ Fukushima-Seiji$ Hibino-Yoshinori$ Sakamoto-Tadashi$ Yamabayashi-Yoshiaki$ Yoshida-Eiji$ Iwamoto-Ryuichi$).in.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:08
S33	8	S31 and (ase or coherent or incoherent or spontan $6) and (multi$mod$2)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:09
S34	8	S31 and (ase or coherent or incoherent or spontan $6 or spontan$6 or amplified spontaneous emission) and (multi$mod $2)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:09
S35	4	S31 and (ase or in $coherent or spontan$6 or spontan$6 or amplified spontaneous emission) and (multimod2)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:10
S36	619	(ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission).ti.	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:11
S37	64	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission) near2 (sourc$2 or laser or led or ld)).ti.	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:11
S38	21	S37 and (ase or in $coherent or spontan$6 or spontan$6 or amplified spontaneous emission) and (multimod2)	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:12
S39	4	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission) near2 (sourc$2 or laser or led or ld)) and 398/143.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:13
S40	4	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission) near2 (sourc$2 or laser or led or ld)) and (multimod2) and 398/143.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:15

S41	7	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission)) and (multimod2) and 398/143.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:15
S42	50	("5659644").URPN.	USPAT	OR	ON	2009/03/30 16:17
S43	11	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission)) and (multimod2) and S42	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:18
S44	231	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission)) and (multimod2) and diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:21
S45	133	((ase or in$coherent or spontan$6 or spontan$6 or amplified spontaneous emission)) with sourc$2 and (multi$mod$2) and diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/03/30 16:21
S50	3566	(ase or incoherent or spontan$6) and (multi mod2)	US-PGPUB; USPAT	NEAR	ON	2009/03/31 13:10
S51	152	(ase or incoherent or spontan$6).ab. and (multi mod2)	US-PGPUB; USPAT	NEAR	ON	2009/03/31 13:10
S52	148	(ase or incoherent or spontan$6).ab. and (multi mod2) and (source or laser)	US-PGPUB; USPAT	NEAR	ON	2009/03/31 13:11
S53	69	(ase or incoherent or spontan$6).ab. and (multi mod2) and (source or laser) and excit$5	US-PGPUB; USPAT	NEAR	ON	2009/03/31 13:11
S54	37	(ase or incoherent or spontan$6).ab. and (multi mod2) and (source or laser) and excit$5 and (diaphragm or apertur$4)	US-PGPUB; USPAT	NEAR	ON	2009/03/31 13:12
S56	382	step index optical fib$4	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:43
S57	105	step index optical fib$4 and (multi$mod$2 and single$mod$2)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:43
S58	12	step index optical fib$4 with (multi$mod$2 and single$mod$2)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:43

S59	105	step index optical fib$4 and (multi$mod$2 and single$mod$2)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:51
S60	36	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:51
S61	96	step index optical fib$4 and (multi$mod$2 and single$mod$2) and (excit $6 and sourc$3 or laser or led or ld)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:52
S62	35	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6 and (sourc$3 or laser or led or ld)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 13:52
S64	35	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6 and ((incoherent or spotan $6) sourc$3 or laser or led or ld)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:16
S65	7	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6 and ((incoherent or spotan $6) sourc$3 or laser or led or ld) and (incoherent or spotan$6)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:16
S66	16	"6185346"	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:40
S67	7	S66 and excit$6	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:50
S68	7	S66 and excit$6 and singl $3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:50
S69	7	S66 and excit$6 and (singl $3 or multi) mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:55
S70	3	S66 and excit$6 with (singl $3 or multi) mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:55
S71	2	S66 and excit$6 with (singl $3) mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:55
S72	2	S66 and excit$6 with (singl $3) mod$3 and multi$mod $4	US-PGPUB; USPAT	NEAR	ON	2009/04/15 14:56
S76	3	S73 and (singl$3) mod$3 and multimod4	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:04
S77	13	"6185346" and (singl$3) mod$3 and multimod4	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:05
S78	132	incoherent with multi$mod $2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:07

S79	483	excit$7 with singl$mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:08
S80	2	S79 and S78	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:08
S81	12	incoherent sourc$2 with multi$mod$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:10
S82	822	(led or spontan$6 or incoherent) with multi$mod $2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:11
S83	30	S79 and S82	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:11
S88	83	(led or spontan$6 or incoherent) and multi$mod $2 and excit$7 medium	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:14
S89	22	(led or spontan$6 or incoherent) and multi$mod $2 and excit$7 medium and singlmod3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:29
S90	2157	(led or spontan$6 or incoherent) and multi$mod $2 and singl$mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:31
S91	9	(US-20050243407-$ or US-20020169368-$ or US-20050024716-$).did. or (US-7283701-$ or US-6711330-$ or US-6487338-$ or US-6282005-$ or US-5659644-$ or US-5367527-$).did.	US-PGPUB; USPAT	OR	ON	2009/04/15 15:31
S92	4	S90 and S91	US-PGPUB; USPAT	OR	ON	2009/04/15 15:31
S93	49	(led or spontan$6 or incoherent) with multi$mod $2 with singl$mod$3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:32
S100	23	(led or spontan$6 or incoherent) and S64	US-PGPUB; USPAT	OR	ON	2009/04/15 15:40
S101	10	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6 and ((incoherent or spotan $6) sourc$3 or led or ld)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:41
S102	10	step index optical fib$4 and (multi$mod$2 and single$mod$2) and excit$6 and ((incoherent or spotan $6) sourc$3 or led)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 15:41
S103	1524	(led or (spontan$6 or incoherent) near2 sourc $2) and S90	US-PGPUB; USPAT	OR	ON	2009/04/15 15:45

S104	11	(led or (spontan$6 or incoherent) near2 sourc $2) and multi$mod$2 and singl$mod$3 and 398/143. ccls.	US-PGPUB; USPAT	OR	ON	2009/04/15 15:46
S105	148	(led or (spontan$6 or incoherent) near2 sourc $2) same multi$mod$2 same singl$mod$3	US-PGPUB; USPAT	OR	ON	2009/04/15 15:51
S106	20	(led or (spontan$6 or incoherent) near2 sourc $2) same multi$mod$2 same singl$mod$3 and S79	US-PGPUB; USPAT	OR	ON	2009/04/15 15:51
S107	38	(led or (spontan$6 or incoherent) near2 sourc $2) multi$mod$2 singl mod3	US-PGPUB; USPAT	WITH	ON	2009/04/15 15:55
S108	8	("4260221" | "4641914" | "5175785" | "5381504" | "5644670" | "5732170" | "6185346" | "6498652"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/15 16:03
S109	13	("6185346").URPN.	USPAT	OR	ON	2009/04/15 16:03
S110	10	("4804248" | "4815805" | "4974931" | "5077815" | "5138675" | "5337380" | "5416862" | "5490227" | "5712937" | "6044188"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/15 16:03
S111	4	("6711330").URPN.	USPAT	OR	ON	2009/04/15 16:03
S112	49	(led or (spontan$6 or incoherent)) multi$mod$2 singl$mod$3	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:04
S113	12	(led or (spontan$6 or incoherent)) and (S108 or S109 or S110 or S111)	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:05
S114	37	("5712937").URPN.	USPAT	OR	ON	2009/04/15 16:07
S115	18	("5077815").URPN.	USPAT	OR	ON	2009/04/15 16:09
S116	42801	(led or (spontan$6 or incoherent)) and ("6185346") and singl$mod $3 or multi$mod$3	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:11
S117	3	(led or (spontan$6 or incoherent)) and ("6185346") and singl$mod $3 and multi$mod$3	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:11

S118	1	(led or (spontan$6 or incoherent) sourc$3) and ("6185346") and singlmod3 and multimod3	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:13
S119	1632	(led or (spontan$6 or incoherent) sourc$3) and singlmod3 and multimod3	US-PGPUB; USPAT	WITH	ON	2009/04/15 16:13
S120	1460	(led or (spontan$6 or incoherent) sourc$3) and singlmod3 and multimod3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:13
S122	36	(led or (spontan$6 or incoherent) sourc$3) with singlmod3 with multimod3	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:14
S123	8	("6061159").URPN.	USPAT	OR	ON	2009/04/15 16:15
S124	2	incoherent with multimod2 with excitation	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:29
S125	4	incoherent with multimod2 with excit$6	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:29
S126	50	incoherent with multimod2 and excit$6	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:30
S128	50	incoherent with multimod2 and excit$6	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:30
S133	174	ase light sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:45
S134	28	ase light sourc$2 and multi$mod$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 16:47
S135	10615	ase	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:05
S136	611	ase near2 sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:06
S137	161	ase near2 sourc$2 and multi$mod$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:06
S138	3	ase near2 sourc$2 and multi$mod$2 and diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:06
S140	9	398/141,142,143.ccls. and (ase or in$coherent or spontan$6) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:27
S143	26	multimod3 with (ase or in$coherent or spontan$6) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:56
S145	18	multimod3 with (ase or in$coherent or spontan$6) sourc$2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 17:57

S146	82	multimod3 with (ase or in$coherent or spontan$6) with (sourc$2 or transmit $7) and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:00
S147	5	multimod3 with (ase or in$coherent or spontan$6) with (sourc$2 or transmit $7) with receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:00
S148	22	398/141,142,143.ccls. and (ase or in$coherent or spontan$6) and multi$mod $2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:01
S149	6	398/143.ccls. and (ase or in$coherent or spontan$6) and multimod2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:05
S150	7	("20030021569" | "20030072526" | "20060051017" | "5077815" | "5138675" | "5978528" | "6895146"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/15 18:05
S151	9	"5,187,759" and (ase or in $coherent or spontan$6) and multimod2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:08
S152	152	laser diod$2 (ase or in $coherent or spontan$6)	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:23
S153	99	S152 and multimod2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:24
S155	99	laser diod$2 (ase or in $coherent or spontan$6) and multimod2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:24
S157	103	S152 and multimod2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:25
S158	19	laser diod$2 with (ase or in $coherent or spontan$6) sourc$2 and multi$mod$2 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:27
S159	53	ils with multimod2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:31
S160	19	laser diod$2 with (ase or in $coherent or spontan$6) sourc$2 and multi$mod$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:34
S161	84	laser diod$2 with (ase or in $coherent or spontan$6) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:37
S162	109	laser diod$2 near2 (ase or in$coherent or spontan$6) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:37

S168	84	laser diod$2 with (ase or in$coherent or spontan$6) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:44
S169	68	laser diod$2 with (ase or in$coherent or spontan$6) sourc$2 not S162	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:44
S173	1716	(laser diod$2 or ld) (ase or in$coherent or spontan$6) sourc$2 not S162	US-PGPUB; USPAT	SAME	ON	2009/04/15 18:54
S176	512	(graded-index or step-index) with multimod2	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:58
S177	294	(graded-index or step-index) with multimod2 and core diameter	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:58
S178	62	(graded-index or step-index) with multimod2 with core diameter	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:58
S180	32	(graded-index or step-index) with multimod2 with core diameter and @ad<"20040217"	US-PGPUB; USPAT	NEAR	ON	2009/04/15 18:59
S181	10	(US-20050243407-$ or US-20020169368-$ or US-20050024716-$ or US-20080013163-$).did. or (US-7283701-$ or US-6711330-$ or US-6487338-$ or US-6282005-$ or US-5659644-$ or US-5367527-$).did.	US-PGPUB; USPAT	OR	ON	2009/04/15 19:04
S182	10	group failure alarm	US-PGPUB; USPAT	NEAR	ON	2009/04/16 10:43
S183	11	net$work failure alarm	US-PGPUB; USPAT	NEAR	ON	2009/04/16 10:43
S185	117	(ase or spontan$6) with ld	US-PGPUB; USPAT	NEAR	ON	2009/04/17 22:19
S190	84	graded-index multimode optical fiber diameter	US-PGPUB; USPAT	SAME	ON	2009/04/17 23:11
S191	26	graded-index multimode optical fiber diameter	US-PGPUB; USPAT	WITH	ON	2009/04/17 23:11
S192	3	(graded-index or step-index) and "5659644"	US-PGPUB; USPAT	WITH	ON	2009/04/18 18:33
S193	5	(graded-index or step-index) with diameter with multi$mode and (ase or incoherent) near (sourc$2 or laser or ld)	US-PGPUB; USPAT	WITH	ON	2009/04/18 18:34

S194	9	(graded-index or step-index) with diameter with multi$mode and (ase or incoherent) (sourc$2 or laser or ld)	US-PGPUB; USPAT	WITH	ON	2009/04/18 18:35
S195	2	(graded-index multimode) with diameter and (ase or incoherent or spontan$5) (sourc$2 or laser or ld)	US-PGPUB; USPAT	NEAR	ON	2009/04/18 18:52
S196	17	(graded-index multimode) with core diameter	US-PGPUB; USPAT	NEAR	ON	2009/04/18 18:53
S197	18	(graded-index multimode) with core with diameter	US-PGPUB; USPAT	NEAR	ON	2009/04/18 18:58
S199	7	(graded-index near2 multimode) with core with diameter not S196	US-PGPUB; USPAT	NEAR	ON	2009/04/18 19:07
S200	21	(graded-index with multimode) with core with diameter not S196	US-PGPUB; USPAT	NEAR	ON	2009/04/18 19:07
S204	10	(US-20050243407-$ or US-20020169368-$ or US-20050024716-$ or US-20080013163-$).did. or (US-7283701-$ or US-6711330-$ or US-6487338-$ or US-6282005-$ or US-5659644-$ or US-5367527-$).did.	US-PGPUB; USPAT	OR	ON	2009/04/18 19:21
S209	158	(step$index$3 and graded$index) with multi$mod$2	US-PGPUB; USPAT	OR	ON	2009/04/18 19:26
S210	16	(step$index$3 and graded$index) with multi$mod$2 with diameter	US-PGPUB; USPAT	OR	ON	2009/04/18 19:26
S211	147	(step index and grad$4 index) with (diameter or radius)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:41
S214	59	(step index and grad$4 index) with (diameter or radius) with multimod3	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:41
S215	46	(step index and grad$4 index) with core with (diameter or radius) with multimod3	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:42
S216	33	(step index and grad$4 index) with core with (diameter or radius) with multimod3 and transmi$6 and receiv$5	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:42
S227	1854	(step index or grad$4 index) with (diameter or radius)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:54

S229	92	(step index with grad$4 index) with (diameter or radius)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:54
S230	87	(step index and grad$4 index) with (diameter or radius) and aperture	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:55
S231	30	(step index and grad$4 index) with (diameter or radius) and aperture and (ase or incoherent or spontan$5 or led)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:56
S232	5	(step index and grad$4 index) with (diameter or radius) and aperture and (ase or incoherent or spontan$5 or led) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/28 15:56
S233	143162	diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:00
S234	772	S233 and (ase or incoherent or spontan$5 or led) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:01
S235	63	S233 and (ase or incoherent or spontan$5) sourc$2	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:01
S238	20	(step index or grad$4 index) and S234	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:02
S239	5	(step index or grad$4 index) and S235	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:02
S242	147	(step index and grad$4 index) with (diameter or radius)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 16:08
S253	10	(step index and grad$4 index) with ("50 .mu.m" or "62.5 .mu.m")	US-PGPUB; USPAT	NEAR	ON	2009/04/28 17:42
S258	32	(step index and grad$4 index) with ("50" or "62.5")	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:01
S259	17	(step index and grad$4 index) with ("50" or "62.5") with (diameter or radius)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:02
S261	28	excit$5 and "5659644"	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:18
S263	21	excit$5 and singl$mod$2 and "5659644"	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:19
S266	89	single-mode planar	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:37
S271	1836	(step index or grad$4 index) and (single$mod$2) and multi$mod$2	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:50

S272	54	S266 and (singlemod2) and multimod2	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:50
S273	9	hibret woldekidan	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:52
S274	8	("20040042796" | "5469284" | "5734486" | "6519062" | "6577425" | "6888664" | "6925257" | "7200340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 18:53
S277	8	("20040042796" | "5469284" | "5734486" | "6519062" | "6577425" | "6888664" | "6925257" | "7200340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 18:55
S278	58	S266 and lens and (diaphragm or aperture)	US-PGPUB; USPAT	NEAR	ON	2009/04/28 18:59
S280	33	S266 lens (diaphragm or aperture)	US-PGPUB; USPAT	SAME	ON	2009/04/28 18:59
S293	33	S266 lens$2 (diaphragm$2 or apertur$2) and single-mode near2 planar	US-PGPUB; USPAT	SAME	ON	2009/04/28 19:33
S294	33	S266 lens$2 (diaphragm$2 or apertur$2) and single-mode with planar	US-PGPUB; USPAT	SAME	ON	2009/04/28 19:35
S295	6656	second diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/28 19:44
S296	8	second diaphragm and fiber laser	US-PGPUB; USPAT	NEAR	ON	2009/04/28 19:44
S300	141	fiber laser with diaphragm	US-PGPUB; USPAT	SAME	ON	2009/04/28 20:07
S301	2	fiber laser with diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/28 20:07
S302	19	fiber laser same diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/28 20:07
S303	1	"20080226298" and diaphragm	US-PGPUB; USPAT	NEAR	ON	2009/04/28 20:10

4/29/2009 4:13:41 PM
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